Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 21 Sep 2020 until 23:59 on Tuesday 22 Sep 2020

Forecast Issued on Sunday 20 Sep 2020 at 17:03

Confidence: High confidence for mostly fine conditions Monday and a transition to more unsettled and much cooler weather from Tuesday onwards. Moderate confidence for extent of low cloud, mist and fog on Monday morning.

Headline for Monday 21 Sep 2020: Early mist and fog clearing to leave a warm and sunny day.

Mountain weather hazards on Monday 21 Sep 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	MIST	MIST					
Clear night	Mist	Mist	Sunny intervals	Sunny	Sunny	Clear night	Clear night
Precipitation probability							
00%	10%	10%	10%	<05%	<05%	<05%	<05%

Forecast for Monday 21 Sep 2020

Weather: Mostly clear skies overnight with light winds, however, some mist and fog patches are likely to develop, these mainly in low-lying valleys in the south and west, but also occasionally covering hills. Low cloud, mist and fog gradually lifting and clearing through the morning to leave a sunny day with prolonged unbroken, warm sunshine. Fine and mostly clear through the evening.

Chance of cloud free mountain/hill tops above 600m: 80% overnight and early morning, with isolated patches of cloud on hills. Becoming 90% from late morning and 100% through the afternoon and evening.

Visibility: Very good generally with distant hills clearly visible, especially by day. Moderate or poor in mist, locally very poor in fog overnight and early morning, obscuring nearby hills and landmarks.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 21 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 SE	9/11 S	9/11 SW	10/14 SW	11/15 W	13/18 W	11/15 W	11/16 SW	12/16 SW
300	4/9 E	5/7 SE	5/7 S	6/8 SW	7/10 W	8/11 W	7/9 W	5/7 SW	5/6 SW
Valley	5/9 E	4/7 E	3/7 S	3/6 SW	4/7 W	6/11 W	4/10 W	2/6 SW	2/5 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/8	9/7	11/9	12/10	14/11	13/11	12/10	12/9
300	11/10	11/10	10/10	11/10	14/13	16/15	16/15	14/13	12/12
Valley	10/9	10/9	9/8	12/12	15/15	17/17	15/15	13/13	11/11
Freezing Level*	2400m	2300m	2300m	2400m	2500m	2600m	2600m	2600m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine on Monday will be particularly strong for the time of year with a risk of sunburn if exposed for prolonged periods.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 20 Sep 2020	0.6mm	0.6mm	0.6mm

Forecast for Tuesday 22 Sep 2020

Weather: Turning cloudier and rather breezy overnight, especially in the west, though remaining dry. A few mist patches could still develop in sheltered southern valleys. Cloud spreading to all parts through the day with outbreaks of rain or drizzle on some hills by the evening. Becoming breezy and feeling cooler. More widespread and persistent rain expected during the late evening.

Maximum wind: Southwesterly 20mph, with gusts 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 100% falling to 80% overnight with isolated patches of cloud to 600m. 90% during the morning and afternoon, but 60% from late evening with occasional cloud to around 600m.

Visibility: Mainly good or very good with clear views of the park, particularly in lower lying valleys. Poor or very poor in cloud on hills overnight, or mist in valleys, as well as during rain and drizzle through the evening with very limited views of nearby hills and landmarks.

Temperature: **Valleys:** Plus 10 degrees becoming Plus 18 degrees Celsius.
At 600m: Plus 11 degrees becoming Plus 14 degrees Celsius.
Freezing level: Well above summits throughout.

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